

Estimates of Available Capacity and Waste Generation

**Table 3 - Potential Shortfall Reflecting Additional Capacity Provided by a Possible Expansion of the Mt. Carberry Landfill**

	Incinerators			Landfills				Total Available, Existing Capacity and Projected Shortfalls		
	I	J	K	L	M	N	O	P	Q	R
	Municipal Combustors <sup>1</sup>	Penacook W-T-E (net capacity) <sup>2</sup>	Claremont W-T-E (net capacity) <sup>3</sup>	Public Landfills <sup>4</sup>	Turnkey LF <sup>5</sup>	NCES LF <sup>6</sup>	Mt. Carberry LF <sup>7</sup>	Available Capacity <sup>8</sup>	Remaining Capacity after 30% diversion <sup>9</sup>	Remaining Capacity after 40% diversion <sup>10</sup>
2003	26,019	209,875	22,000	138,000	1,107,000	120,000	120,000	1,742,894	505,298	505,298
2004	26,019	209,875	22,000	138,000	1,045,500	120,000	120,000	1,681,394	446,282	482,470
2005	26,019	209,875	22,000	138,000	1,045,500	60,000	120,000	1,621,394	389,162	462,379
2006	26,019	209,875	22,000	138,000	984,000		120,000	1,499,894	271,070	382,144
2007	26,019	209,875	22,000	138,000	984,000		120,000	1,499,894	277,807	424,633
2008	26,019	209,875	22,000	138,000	922,500		120,000	1,438,394	202,716	351,175
2009	26,019	209,875	22,000	138,000	922,500		120,000	1,438,394	189,125	339,217
2010	26,019	149,875	22,000	138,000	910,200		120,000	1,366,094	103,234	254,959
2011	26,019	149,875	22,000	138,000	910,200		120,000	1,366,094	90,450	243,711
2012	26,019	149,875	22,000	138,000	910,200		120,000	1,366,094	77,666	232,463
2013	26,019	149,875	22,000	138,000			120,000	455,894	-845,318	-688,985
2014	26,019	149,875	22,000	138,000			120,000	455,894	-918,881	-761,012
2015	26,019	149,875	22,000	138,000			120,000	455,894	-932,257	-772,852
2016		149,875	22,000	138,000			120,000	429,875	-970,630	-809,807
2017		149,875	22,000	138,000			120,000	429,875	-982,985	-820,743
2018		149,875	22,000	138,000			120,000	429,875	-995,340	-831,679
2019		149,875	22,000	138,000			120,000	429,875	-1,007,695	-842,615
2020		149,875	22,000	138,000			120,000	429,875	-1,020,050	-853,552
2021		149,875	22,000	138,000			120,000	429,875	-1,032,507	-864,578
2022		149,875	22,000	138,000			120,000	429,875	-1,044,965	-875,605
Totals	338,247	3,417,500	440,000	2,760,000	9,741,600	300,000	2,400,000	19,397,347	-7,197,819	-4,442,979

**Notes for Table 3:**

The implied precision of data is a result of the calculation process, and should not be viewed as an "absolute".

<sup>1</sup>Tonnages of municipal combustors are set in the conditions of the air and WMD permits

<sup>2</sup>The Penacook tonnages reflect recent modifications to the WMD permit (575 tpd). Ash will be managed in the Franklin Landfill until 2009. Thereafter, the ash must be deducted from Penacook's ca

<sup>3</sup>The Claremont incinerator currently provides disposal for about 44,000 tpy to New Hampshire customers. The net amount is adjusted for ash that does not have a dedicated disposal locat

<sup>4</sup>Includes the facilities for Lebanon (48,000 tpy), Nashua (80,000 tpy) and Conway (10,000 tpy

<sup>5</sup>The estimated Turnkey amounts reflect achievements in density compaction. Possible future development potential of the site is not include

<sup>6</sup>NCES tonnages do not include requested expansion potential for the site (known as Stage IV

<sup>7</sup>Mt. Carberry tonnages include requested expansion potential for the site and do not include mill waste

<sup>8</sup>Available capacity is the total amount of capacity provided by all facilities in the inventory

<sup>9</sup>Anticipated shortfall assumes 30% diversion and the inclusion of all waste streams

<sup>10</sup>Anticipated shortfall assumes 40% diversion and the inclusion of all waste stream